

## D-ribitol-5-phosphate cytidyltransferase

Cat. No. EXWM-3252

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). The systematic name of this enzyme class is CTP:D-ribitol-5-phosphate cytidyltransferase. Other names in common use include CDP ribitol pyrophosphorylase, cytidine diphosphate ribitol pyrophosphorylase, ribitol 5-phosphate cytidyltransferase, and cytidine diphosphoribitol pyrophosphorylase. This enzyme participates in pentose and glucuronate interconversions.

#### Synonyms

CDP ribitol pyrophosphorylase; cytidine diphosphate ribitol pyrophosphorylase; ribitol 5-phosphate cytidyltransferase; cytidine diphosphoribitol pyrophosphorylase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.7.40

#### CAS No.

9027-07-0

#### Reaction

CTP + D-ribitol 5-phosphate = diphosphate + CDP-ribitol

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.